

of Minnesota. "Raspberries carefully selected from plants bearing berries of the best type for the species in the regions around Lake Winnipeg and the Riding Mountains in Canada for the purpose of securing the wild raspberry for breeding purposes in the northern United States. This species grows abundantly and is generally distributed in the localities visited in Manitoba. It is quite similar in appearance in its northern range to that of the northern part of Minnesota where I have had the opportunity to observe it quite extensively in the wilds, especially in the region of the Red Lakes, Grand Rapids, Cloquet, Mille Lac, etc. It seemed from the preliminary survey of the field that it would be best to visit localities on the edge of the granite area extending in a northerly direction about sixty miles east of Winnipeg, as well as the region of the Riding Mountains. The granite area was visited at points around Lac du Bonnet, the Winnipeg River and the Pinawa River. From these points on the margin of the granite area in the east I proceeded to the west from Winnipeg to the Riding Mountains. Here *R. strigosus* grew generally along ditches and roads and in the burned-over areas of the foothills. In the eastern region the raspberries were on the whole bearing more abundantly than those in the west at the Riding Mountains. The isothermal lines extend considerably northward in this region so it seems to me from the progress of the season and the nature of the vegetation that perhaps all told the selections in the east on the granite area were made from stock subjected to harder weather conditions than in the west. Of course, in this part of Canada when winter sets in it is quite constant, and there is generally snow enough to cover raspberries growing in the wild. For this reason there may be an extension of the species northward owing to its natural protection rather than its ability to withstand cold." (Dorsey's report on trip Aug. 14, 1916.)

*Tumion nuciferum* (L.) Greene. (Taxaceae.) 43075. Seeds from Hankow, China. Procured through the American Consul General. "*Fei Tzu*. Occurs in the southern islands of Japan and in the forests of southern and central Hondo, attaining its greatest development on the river Kisagawa, 'rising to a height of 80 feet, and forming a tree unequalled in the massiveness of its appearance and in the beauty of its bright red bark and lustrous dark green, almost black foliage.' On